

Science Department

Revision Sheets For 2nd prep. Model exam -1

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Que	ouv.	11 1.

- A- Choose the correct answer:
- 1- Complete body fossil of insect is found in(ammonite amber snow cast)
- 2- Meteors are formed in(troposphere stratosphere mesosphere ozone)
- **B-Locate** the position of the following element in the modern periodic table:
- 1- ₁₉K

Question 2:

- A-Give reason for:
- 2-The atomic size increases through the group.
- B-Write a balanced chemical equations representing the following:
- 1-Magnesium with hydrochloric acid.

Question 3:

- **A-Complete:**
- 1- Ultaviolet rays haveeffect while infrared rays haveeffect.
- 2- Archaeopteryx is a link between and and
- **B-Give one use for:**
- 1-Van-Allen belts.

Question 4:

- A-Write scientific term:
- 1- Traces and remains of old living organisms.
- 2- A phenomenon that appears as bright light coloured certains.
- **B-Find** the temperature at the top of a mountain its height is 4 km, if the temperature at the sea level is 22°C.

Good luck & Have fun @

<u>Model exam -2</u>

Question 1:

- A- Choose the correct answer:
- 1-is the main reason of recent extinction. (Volcanoes-Glacial age-overhunting)
- 2- The measuring unit of atmospheric pressure is (bar Dobson Km)

B-Compare between simple and complicated ecosystems? C-Complete the following equation: 1- Br ₂ + 2KI — + +
Question 2: A-Correct the underlined words: 1- Mammoth is one of the examples of petrified bfossils. 2- Coral fossils indicate that the environment was hot and rainy tropical environment. B-Calculate the height of a mountain if the temperature at its base is 20C and at its top is -12C. C-What will happens if: 1- Adding water to magnesium oxide? Question 3: A-Write scientific term: 1- It is a region in which atmospheric envelope is inserted with the outer space. 2- They are safe areas made to protect endangered species. B-Mention the one function for:
1-Ionosphere. Question 4: A-Complete: 1- Water can dissolve some covalent compounds such asbecause it can formbond with water molecules. 2is used to determine possible day weather whileused to measure the elevation of planes. B-Give reason for: 1- Adding drops of acid to water in the electrolysis of water? C-mention one harm for the following: 1-Global warming.
Good luck & Have fun ©
Model exam -3- Question 1: A- Choose the correct answer: 1- Atmospheric pressure is theof air column on unit area. (mass – volume - weight)
2- Ozone layer is found in(troposphere – stratosphere – mesosphere) 3 is an example of microfossils. (Mammoth – Ferns – Foraminifera)
B-Give reason for: Sodium is kept under the surface of kerosene?

Liquid nitrogen is used to preserve eye cornea?
C-What is meant by:
1-Polar compounds.
Question 2:
A-Correct the underlined words:
 1- Infrared rays have a <u>chemical</u> effect. 2- Panda pear is from <u>extinct</u> species.
B-Mention one example for:
1- Complete body fossil.
2- An alkali metal.
C-What happens when:
1- Adding litmus solution to carbonic acid.
Question 3:
A-Complete the following:
1- There are three types of ultraviolet rays, far UV and
2- The Thickness of ozone layer iskm while normal atmospheric pressure at sea level is millibar.
$3-\dots+\dots+\dots$ $MgCl_2+H_2$
J
B-Locate the position of the following elements in the modern periodic table:
1- 13Al 2-10Ne
Question 4:
A-Write scientific term:
1- A layer that protects us from harmful ultraviolet rays.2- It is a replica of the internal details of an old living organism.
B-Write a balanced chemical equations:
2-Reaction between bromine and potassium iodide.
3-The electrolysis of water.
C-Calculate the temperature at the top of a mountain of height = 6000 m and the temperature
at sea level is 12C.
Good luck & Have fun ©
Model exam -4-
Question 1:
A- Choose the correct answer:
1- The ozone hole increases every year in(March – October – September)
2- The hottest layer is (Thermosphere – Mesosphere – Troposphere)
3- Fossils are always found inrocks. (igneous – sedimentary – metamorphic)

 B-Write the chemical equation for: 1- Dissolving magnesium oxide in water. C-Calculate the height of a mountain if the temperature at its foot is 29C and at its top is (-10°C).
Question 2: A-Put (√) or (X) and correct the wrong one: 1- Pilots prefer to fly in mesosphere. () 2- Panda is from endangered species. () B-Explain the effect of extinction of species on: 2-Complicated ecosystem. 1- Simple ecosystem. 2-Complicated ecosystem.
A-Complete the following: 1- The bond between oxygen and hydrogen in water molecule is
Good luck & Have fun ©
<u>Model exam -5-</u>
Question 1: A-Complete the following: 1- Mendeleev arranged elements according to



Final examination of some governorates

(1) Giza governorate

Question 1

A- C	omplete the following statement:
# E	Elements in group (1A) are calle <mark>d alkali metals as their elements react withforming</mark>
**	solution
- T	The heights temperature layer in the atmosphere isand the lowest temperature layer is
••	
- F	rom examples of complete body fossils areandand
- B	By increasing the atomic numb <mark>er, the value of metallic property</mark> In the group of the
p	periodic table.
- E	Elements of group (B) are called elements and they appear from period
- F	luorine and chlorine exist instate, while iodine exists instate.
- T	here arebond between water molecule.
B) Fi	ind the temperature at a point of height 2000 meters above the sea level if
t	the temperature at sea level is 23 °C
C) Gi	ive reason for:
1. The	e atomic size decreases in periods by increasing the atomic number.



2.	Liquefied nitrogen is used in preservation of cornea		Egyptian Virtual School
3-	Don't store tap of water in empty plastic bottle.		
4-	Pilots prefer to fly their planes at the lower part of stratosphere layer		
5-	Continuous decrease in the number of living organisms without comp	ensatio	on until all die out.
Que	estion 2		
A.	Write the scientific term:		
1.	The traces and remains of old living organisms which are preserved in	the se	dimentary rocks.
2.	The ability of the atom in a covalent molecule to attract electrons of t	he chei	mical bond
to	owards itself.		
	The kind of bond which binds oxygen atom with hydrogen atom in wa	ter mo	lecule.
4.	The weight of air column of an atmospheric height on a unit area.		
5.	A phenomenon that occurs due to the increase in the percentage of C the planet Earth's temperature.	O 2 gas	and leads to an increase in
B-	Put (T) or (F):		
1.	Mammoth and dinosaur are extinct animals.	().
2.	Halogens are monovalent elements.	()
3.	Mesosphere is the layer which is responsible for burning of meteors.	()
4	. Solutions of metal oxides turn blue litmus paper into red.	()



C- Find the temperature at a point of height 2000 metres above sea level if the			
temperature at sea level is 23°C.			
Question 3			
A.Mention one use of:			
The state of the s			
1. Cobalt 60			
2. Altimeter			
3. Metalloids			
4. Ozone hole			
5. Global warming phenomenon			
B-Locate the position of the following elements in the modern periodic table :			
1. 20Ca 2797 2. 2He VITTIA 5C 3. 17Cl			
11 200a Si 1701			
C- Give example of:			
1- An endangered animal			
2- An element from group (1A)			
3- A greenhouse gas			
4- An extinct animal			
5- A complete body fossil			





(2) Giza Governorate

Answer the following questions:

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A- Complete the following sentences:
1. Ultraviolet radiation has a effect and infrared radiation has a effect.
2. When the density of greenhouse gases increases in the Earth's atmospheric envelope, it allows the
passage of
3. Mendeleev arranged the elements according to their while Moseley arranged
them according to
4. Archaeopteryx represents the link betweenandand
B-Mention one use of each of the following: 1. The radioactive cobalt 60 2. Silicon
2. Silicon.
C- If the temperature at the base of mountain Everest is 20°C. Calculate the
temperature at its top if the mountain height is 8 km.
Question 2
A- Give reasons for:



1. Presence of hydrogen bonds between water molecules.

distribution.



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2. Importance of fossils in petroleum exploration.
3. Occurrence of greenhouse effect phenomenon.
······································
4. Alkali metals are kept under kerosene surface in the lab.
B-Write the balanced chemical equations representing each of the following:
1. Chloring and with not agains browide colution
1. Chlorine gas with potassium bromide solution.
2. Magnesium with hydrochloric acid.
C. If you have an element with 2 electrons in the first enemy level and 7
C- If you have an element with 2 electrons in the first energy level and 7
electrons in the second energy level.
1. What is the atomic number of this clement?
4 Mintiger 17:-11 Cohoo
2. Mention if it is a metal or a non-metal.
Overation 2
Question 3
A- Write the scientific term:
1. The block that contains the series of lanthanides and actinides.

3. The ability of atom in the covalent molecule to attract electrons of the chemical bond towards itself.

2. Fossils of organisms that had lived for a short period of time in the past and had a wide geographic



B.	What	hap	pens	when	********
----	------	-----	------	------	----------

An organism is buried fast after death in snow.

 We go from up to down inside the group (1A).

C-Compare between: Complicated ecosystem and simple ecosystem.

Complicated ecosystem	Simple ecosystem.
	2000

Question 4

A. Choose the correct answer:

- 1. The scientist...... discovered the main energy levels in the atom.
 - a. Bohr
- b. Mendeleev
- c. Hofmann
- 2-protectorate is the first established natural protectorate in Egypt.
 - a. Wadi El-Hetan
- b. Saint Cathrine
- c. Ras Mohamed
- 3. Sodium oxide is from oxides.
 - a. acidic
- b. nonmetallic
- c. basic



- B. What is meant by ...?
- 1. Chemical activity series.
- 2. Semi-metals.
- **C-** Calculate the position of these elements in the modern periodic table:

1. 10NE

2. 20Ca





Examination for our sons abroad

(2018)

Answer the following questions:

Question 1

(A) Complete the following sentences by suitable words:

- 1- Most of weather phenomena occur in layer while satellites swim through.......
- 2- Archaeopteryx represents the link between.....and.....and......

(B) Find the atomic number for the following elements:

- 1-Element X lies in the first period and zero group.
- 2-Element Y lies in the second period and 3A group.

Question (2)

(A) Choose the correct answer from between brackets:

- 1- Meteors are formed and burn in...... (Troposphere Thermosphere Stratosphere Mesosphere)
- 2- Sodium oxides are from.......oxides. (amphoteric acidic nonmetallic basic)

Question (3)

(A) Write the scientific term for each of the following:

- 1- A type of radiation that is absorbed in ozone layer to protect the earth planet
- 2-Remains of old organisms that lived in the past for a certain period and then became extinct.



(B) Give reasons for:

L-	Fossils are important in petroleum exploration.					

- Don't store the tape water in empty plastic bottles of mineral water.

.....

Question (4):

What happen if.....?

1. Water is polluted by the wastes of man and animals.

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Examination for our sons abroad (2016)

Answer the following questions:

Question (1):

A)	Com	plete	the	following	j sen	tences:

1-	Mendeleev arranged the eleme <mark>nts ascendingly acc</mark> ording to their atomic While Moseley
	arranged them asceindingly acc <mark>ording to their atomic</mark>
2-	The hottest atmospheric layer is, but the coldest atmospheric layer is
3-	are Traces and remains of organisms that lived in past and preserved in sedimentary rocks.

(B) Mention one use of each:

1- The radioactive cobalt 60.

Question (2):

(A) Write the scientific term for each of the following:

- 1- Continuous decrease in numbers of species members without compensation until all die out.
- 2- Is the ability of an atom in the covalent compound to attract the bonded electrons to itself.
- 3- Traces and remains of organisms that lived in the past und were preserved in sedimentary rocks.

(B) Give reasons for:

- 1- The petrified wood considered as fossil.
- 2. Pure water has neutral affect in litmus paper.





Question three:

(A) Choose the correct answer of each of the following:

- 1- Stratosphere layer contains the major amount of (Chlorine Ozone Fluorine Mercury)
- 2- The element in group (1 A) are known as (alkaline metal alkaline earth metal transitional halogens)
- 3-is considered from halogens. (Potassium Chlorine Helium Argon)
- 4- The transition element starts to appear from period...... (one- two- three -four)

(B) What happened if.....:

1- Absence of a species of the living organisms from the complicated ecosystem.

Question four:

(A) Put (T) Or (F) in front of the following statements

- 1- Rutherford discovered that the nucleus of atom contains positively charged protons.
- 2- The air moves vertically in to troposphere.
- 3- Freon used as a cooling material in air conditioning sets.
- (B) Calculate the temperature: at the top of the mountain its height is 2km if the temperature at its base is26°C.



5)Liquefied nitrogen is used in food preservation.

B - Mention one difference between the following:
✓- Basic oxides and acidic oxides.
√2- Mesosphere layer and thermosphere layer.
√3- Coral fossils and ferns fossils.
C - The opposite figure represents the electronic configuration of an
element in the modern periodic table, mention:
The location of this element in the modern periodic table.
2) The type of this element.
The type of ion of this element.
Question (3): A -Complete the following:
Fossils are used inexploration and determination the age of
are used in extinguishing fires andis used as coolang in cooling devices.
Ozone layer is found in layer, while meteors are burnt in
4) Archaeopteryx represents link betweenand
The bond between hydrogen atom and oxygen atom in water molecule isbond, while bonds among water molecules arebonds. Fluorine exists in state, while iodine exists in state
B- Give reasons for:
YIonosphere plays an important role in wireless communications.
Pure water has a neutral effect on litmus solution.
3) Cobalt 60 is used in food preservation.
1) Troposphere organizes earth's temperature.
▼ A 90 90 95

estion (4):

A. Write the scientific term indicate by the following statement:

1) A kind of elements in which their valency electrons contain more than 4 electrons.

2) The continuous increase in the average temperature of the air near the surface of earth.

The series of elements located below the modern periodic table.

The continuous decrease in numbers of individuals from the same species of living organisms without compensation with birthing.

5) The block that contains the transition elements.

6) The elements have both properties of metals and non-metals.

B- Mention one example for:

비) Endangered plant.

2) Petrified fossil.

(3) Extinct bird.

#) cast fossil.

C- What is the importance of:

Nummulites fossils.

2) Liquefied sodium.

3 Altimeter.

4) Hofmann's voltameter.

Cairo language school



First Term Exam 2020-2021

Subject: Science

2nd prep

Time: 2 hours

Question (1) A- Choose the correct answer: (6)

Ine transition eleme	ents starts from period		
(a) 6	(b),5	(c) 4	
2) What is the atomic	numbers of element loca	ted in the third period and group 2A?	
W)20	(h)-12	(0) 8	
3) The device used in	measuring the altitude fr	om the earth's surface is	
erammeter	b) aperoid	(c) voltameter	
4)is the region	between stratosphere a	nd mesosphere.	
ropopause	(h))Stratonouso	(c) Mesonause	
5) Elements which ha	ve atomic numbers	are called halogens.	
0,111	(h)) 2 10	(a) 11 10 ·	
Drinking water whi	ch contain high concentra	ation ofcauses death of brain ce	lls.
, a) Mercury) b) cobalt 60	ma Lead	

B-Locate the position and the type of the following elements in the modern periodic table: (6)

1) ₁₉K

2) 8 0

What is meant by: (2)

1) Extinction

Chemical activity series

Question (2): A - Correct the underline word: (4)

- 1) Meteors burn in the thermosphere.
- 2) Liquefied nitrogen is used in food preservation.
- 3) Bromine is the strongest non-metallic element.
- 4) Troposphere is the coldest layer.

B - Mention one difference between the following: (4)

- 1- Basic oxides and acidic oxides.
- 2- Mesosphere layer and thermosphere layer.
- Copper and magnesium using HCL.
- 4- Mendeleev periodic table and Modern periodic table

C - Look at the opposite figure then answer: (6)

- 1- Label the next figure (1)
 - (2) .
- 2- What is the volume of gas number (2) if the volume Of the gas number (1) is 10 cm³?
- 3- Complete the chemical equation which illustrate the chemical reaction.

(1)

Question (3): A -Complete the following: (8)
1) Ammonia is service the following: (8)
1) Ammonia is considered one of
electronegativity between its atoms are
andare from recently extinct living organism.
3) Ozone layer is found in layer because it contain a suitable amount of
As we go up 1 k above the sea level, the temperature decrease with
5) The bond between hydrogen atom and oxygen atom in water molecule
bondsbond, while bonds among water molecules arebonds.
6) The satellite float around the Earth inlayer, whilelayer reflects radio waves.
7) $\cdots \rightarrow H_2CO_3$
8) Cl ₂ +KI
B- Give reasons for: (6)
 The lower part of the stratosphere is suitable for flying airpianes. Alkali metals are kept under kerosene or paraffin oil. Troposphere organizes earth's temperature.
Question (4): A- Write the scientific term indicate by the following statement: (7)
 A phenomenon looks like a colorful light curtain seen in the two poles. The continuous increase in the average temperature of the air near the surface of earth. A kind of water pollution resulting from mixing animals and human wastes with water The first natural protectorates in Egypt. A type of ultraviolet radiations that is absorbed completely (100%) by the ozone layer
6) The elements have both properties of metals and non-metals.
7) Thinning or losing parts of ozone layer.
B- Mention one example for: (3) 1) Endangered species. 2) Greenhouse gasses. 3) Old (mass) extinct species.
C- What is the importance of: (4)
1) Van Allen belts. 2) Cobalt 60
3) Dobson. 4) Barometer.

preservation.

B - Mention one difference between the following:
M-Basic oxides and acidic oxides. acidic dissolve in water forming alkaline solutions non metal oxides.
√2- Mesosphere layer and thermosphere layer. coldest layer hottest layer 3- Coral fossils and ferns fossils.they lived in hot rainy tropical environment they lived in clear @warm seas The opposite figure represents the electronic configuration of an
element in the modern periodic table, mention: g=2A
The location of this element in the modern periodic table. p=4
2) The type of this element. metal
The type of ion of this element.positive ion 2.8.8.2
Question (3): A -Complete the following:
Fossils are used inexploration and determination the age of
in cooling devices. chlorofluorocarbon compound
Ozone layer is found in layer, while meteors are burnt in. mesosphere
4) Archaeopteryx represents link between birds and reptile
The bond between hydrogen atom and oxygen atom in water molecule is single covalent hydrogen water molecules are hydrogenbonds.
6) Fluorine exists in gas state, while iodine exists in Solid state
B- Give reasons for:
Y Ionosphere plays an important role in wireless communications.
Pure water has a neutral effect on litmus solution.
3) Cobalt 60 is used in food preservation.
4) Troposphere organizes earth's temperature.

estion (4):

A. Write the scientific term indicate by the following statement:

1) A kind of elements in which their valency electrons contain more than 4 electrons. non metals

The continuous increase in the average temperature of the air near the surface of earth. global warming lanthanides and actions and actions are surfaced in the average temperature of the air near the surface of earth.

B) The series of elements located below the modern periodic table.....f block

4) The continuous decrease in numbers of individuals from the same species of living organisms without compensation with birthing.extinction

5) The block that contains the transition elements. d block

6) The elements have both properties of metals and non-metals metalloids

B- Mention one example for:

Endangered plant. papyrus

Petrified fossil. petrified Wood

(3) Extinct bird. dodo bird

#) cast fossil. fish cast

C- What is the importance of:

Nummulites fossils.

2) Liquefied sodium.

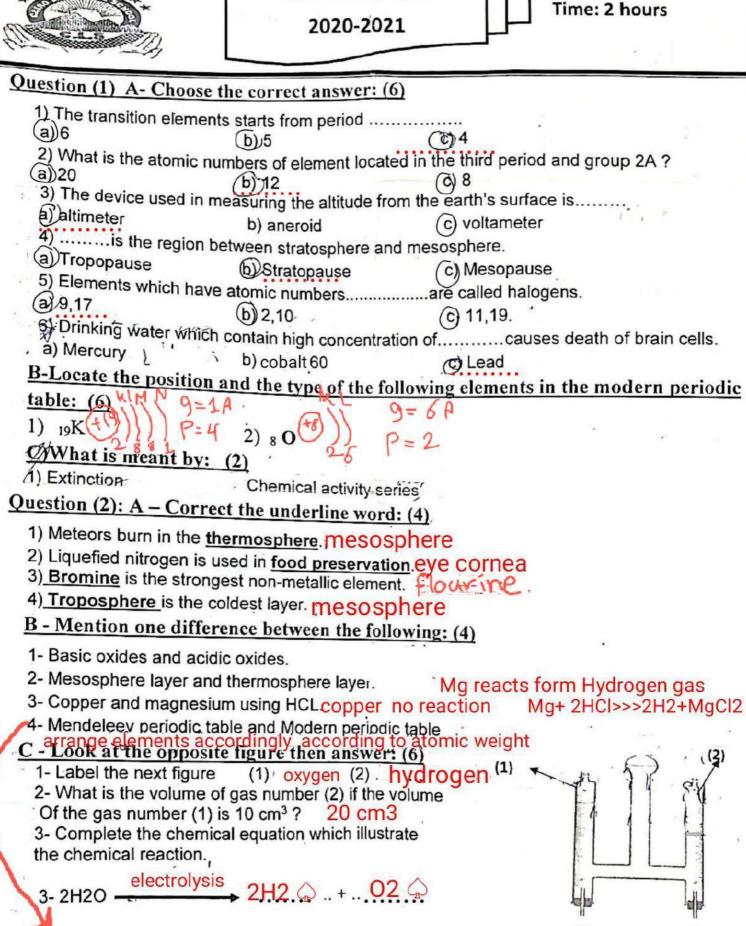
3 Altimeter.

4) Hofmann's voltameter.

Cairo language school

First Term Exam

Subject: Science 2nd prep



modern

Question (3): A -Complete the following: (8)
1) Ammonia is considered one of polar compound because the different in
electronegativity between its at
electronegativity between its atoms arerelatively high
2) dodo birdand Quaggaare from recently extinct living organism. oxygen molecules 3) Ozone layer is found in layer, because it contain a suitable amount of
As we go up 1 k above the sea level, the temperature decrease with 6.5 C ^o in troposphere layer.
5) The bond between hydrogen atom and oxygen atom in water molecule
single covalent Single covalent Exosphere Exosphere Exosphere Single covalent Exosphere Exosphere
7) $CO2+ H2O.$ $\longrightarrow H_2CO_3$
8) $Cl_2 + 2 KI \longrightarrow 2KCI + + 2$
B- Give reasons for: (6)
 The lower part of the stratosphere is suitable for flying airpianes. Alkali metals are kept under kerosene or paraffin oil. Troposphere organizes earth's temperature.
Question (4): A- Write the scientific term indicate by the following statement: (7)
Ouestion (4): A- Write the scientific term indicate by the following statement: (7) 1) A phenomenon looks like a colorful light curtain seen in the two poles. global warming 2) The continuous increase in the average temperature of the air near the surface of earth. 3) A kind of water pollution resulting from mixing animals and human wastes with water. 4) The first natural protectorates in Egypt. 5) A type of ultraviolet radiations that is absorbed completely (100%) by the ozone layer.
6) The elements have both properties of metals and non-metals, metalloids
/) Thinning or losing parts of ozone layer.ozone hole
B- Mention one example for: (3)
1) Endangered species. panda bear 2) Greenhouse gasses. Carbon dioxide gas
3) Old (mass) extinct species. mammoth
C- What is the importance of: (4)
1) Van Allen belts. 2) Cobalt 60
3) Dobson. 4) Barometer.

Cairo governorate time : 2 periods

Al Shorouk educational zone

Al Shorouk Future Int. Lang. School

Evaluation exam of science 2nd preparatory

Question 1

Complete the following:

- 1.Mendeleev arranged the elements according to their, while Moseley arranged the elements according to their.....
- 2. The electronegativity of elements in the group by the atomic number.
- 3. form positively charged ions when they enter the chemical reaction.
- 4. Most of weather phenomena occurs inlayer.
- 5. Mg + $\stackrel{\text{dil.}}{\rightarrow}$ MgCl₂ +
- 6. Elements of (B) groups are called.....elements and they appear starting from period.....

Question 2

- a. Element (X) lies in period (4) in alkaline earth metals group and element (Y) lies in period (3) in halogens group:
 - 1. What are the atomic numbers of X and Y?
 - 2. What is the kind of the compound produced from their combination? (Write the chemical formulae).
- b. Give reason for each of the following:
 - 1. Water is more polar than ammonia.
 - 2. The atomic size of Phosphorus ($_{15}$ P) is greater than that of Sulphur ($_{16}$ S).
 - 3. The high boiling point of water

Question 3

- a. Write one use for:
- 1. Molten sodium 2. Silicon 3. Aneroid 4. Hofmann's voltameter
- **b. What is meant by :** 1. Chemical activity series. 2. Van-Allen belts
 - **c. Explain why:** 1. Elements of the same group have similar properties.
 - 2. Mesosphere layer is highly rarefied.

Question 4

- a. How can you differentiate chemically between each of the following:
 - 1- carbon dioxide and magnesium oxide (using litmus).
- 2- Sodium and iron (using water).
 - 3- Chlorine and iodine (using KBr).
- b. Calculate the height in meter of a mountain, knowing that the temperature at its base is (25°C) and at its top is (-10°C) .

	1st que	stion:	EX.	36 Final Ream (1)		C IIIIIIIIIIIII
•	Compl	ete the following sen	tences:			
	0	Mendeleev organize	d the elements	according to the similarity i	n	1.0.
E=MC ²	2	The ozone layer disperses the rays away from the earth's surface.				
4	3	From the extincted	mimals in the o	ld ages and		'V' \
王	4	Sodium is kept unde	r the surface of	so as not to read	t with	M.
	2nd qu	estion:				1
		the right answer:				
	0		ments start to a	opear from the beginning of	the period.	
		a- second	b- thir	C 103 10	d- fifth	1
m = 1 m	2	The extinction of T	asmanian cat is	because of		1
"[]"		a- overhunting		b- the destruction of origin	nal inhabitant	Face.
T		c- environmental p	ollution	d- climatic changes		A.
	(3)	The second layer of	the atmospheri	c envelope is called		Mag
Λ		a- stratosphere		b- thermosphere		-
• T P		e- troposphere		d-mesosphere		- A
	4	The snow crystal's	shape is			3
4		a- hexagon	b-pentagon	e-Octagonal	d- quadrilateral	AT THE
The same	6	The fossils exist in	the sedimentary	rocks in the Mokattam Mo	untain are	
		a- Ferns	b-Coral	c-Nummiulite	d- all the previous	
	6	From the endangere	ed species:			8
		a- The bold eagle		b- The passenger pigeon.		W)
		c- Tasmanian.		d- Dinosaur.		
	3rd que	estion:				1
A	Give re	easons for:	11706	QEIQEQ		1
						1

- Liquefied nitrogen is used in preserving cornea.
- The lower part of the stratosphere layer is suitable for airplanes flying.
- Petrified wood is considered from fossils.

4th question:

Put $(\sqrt{\ })$ in front of the right statement and (X) in front of the wrong ones in the following:

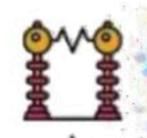
- The elements of block "P" are organized in 5 groups.
- The index fossil indicates the age of the sedimentary rock.
- The halons are produced from supersonic airplanes.
- The altimeter is a device used to measure the altitude of planes on the knowledge of atmospheric pressure.
- The elements of group (1A) and (2A) are good conductors for heat and electricity. (
- The atmospheric pressure decrease by increasing the altitude from the sea level.











Fine Revision







Answer Q1







2- harmful ultraviolet



3- dinosaur - mammoth



4- kerosene - moist air.



Answer Q2



1) 1- fourth





4- hexagon



5- Nummiulite



6- the bold eagle



Answer Q3



1- because it has a low boiling point (-196°C)



2- because the lower part of this layer doesn't contain clouds or weather disturbances and the air moves horizontally.



3- Because they give us details about the life of once an old plant.



Answer Q4





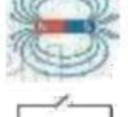




















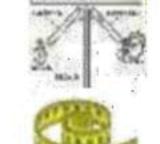




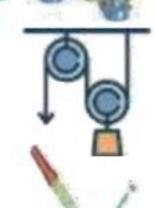








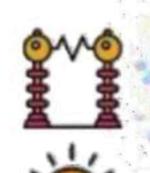












Fine Revision







A- Choose the right answer:



- a- metallic
- b- ionic

There are bonds between water molecules.

- c- hydrogen
- d- covalent



The air in the troposphere layer moves



- b- vertically
- c- inclined
- d- no right answer



a- that of

- b-double
- e-half
- d-four times

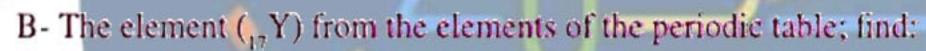


The second layer of the atmospheric envelope is called



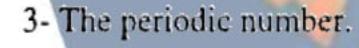
oxygen volume.

- b- stratosphere
- c-troposphere d- mesosphere



- 1- Electronic distribution.
- 2- The group number.

The volume of hydrogen gas evolving from water electrolysis equals..... the





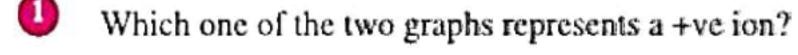


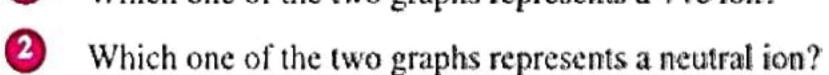


- The earth alkalines are good heat conductors.
- The atmospheric pressure decreases as the altitude from sea level increases.
- As the atomic number increases the metallic property increases.
- - The index fossil indicates the age of sedimentary rocks.
- The ionosphere is surrounded by two magnetic belts known as Van Ilene's belt.



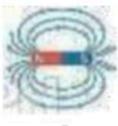
B- See the figure then answer:

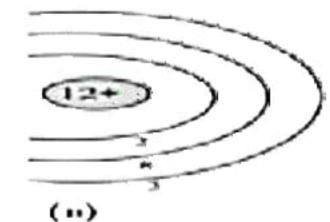






Indicate the position of the atom in the periodic table (period-group)













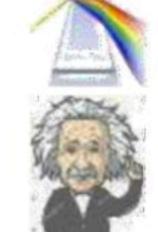


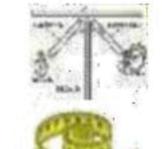
38



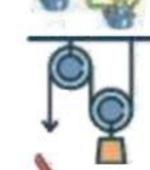






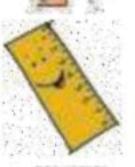




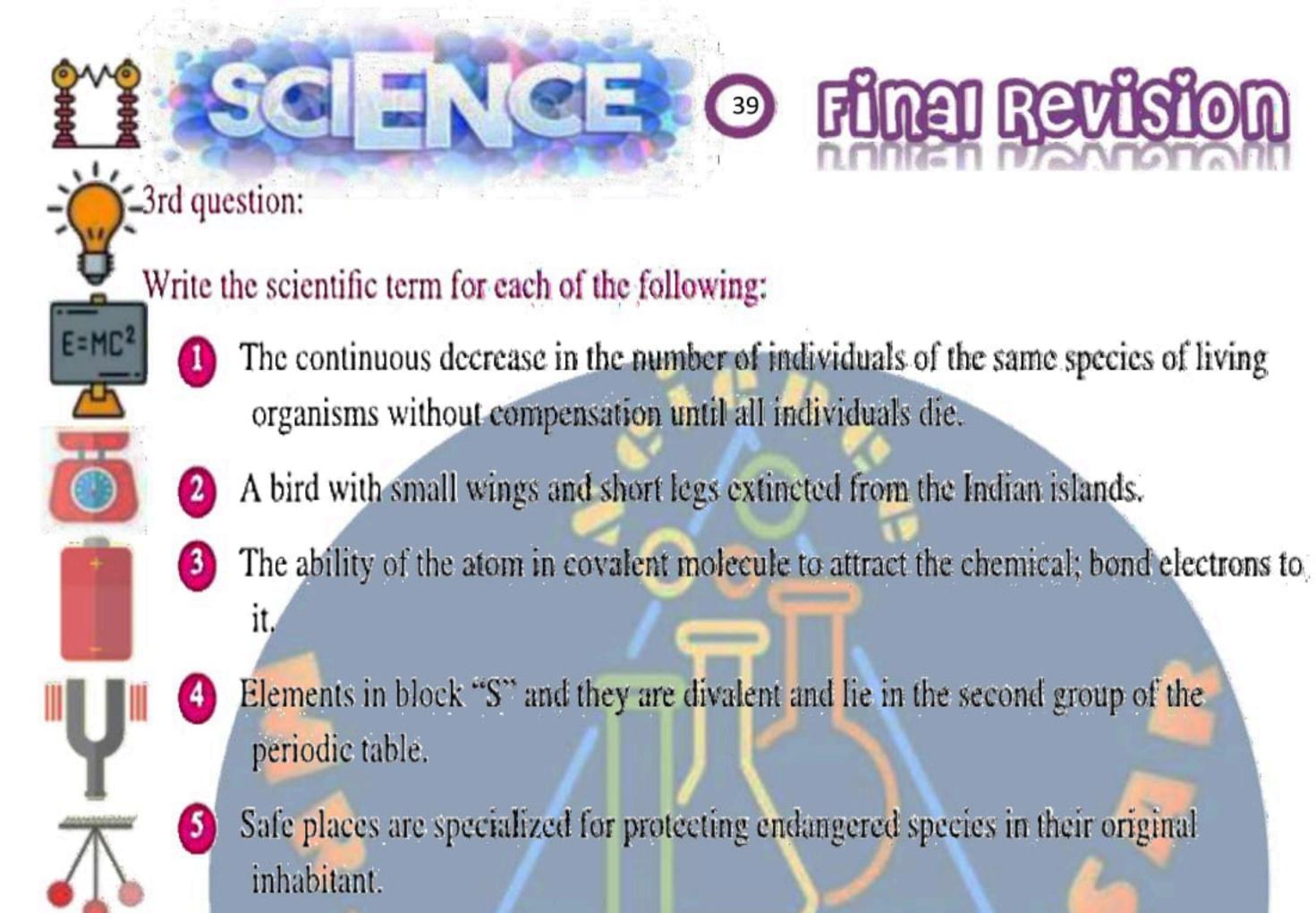












4th question:

Complete the following statements:

..... inside the same group.

The ozone layer is in the layer.

known as

Fossils always exist in the rocks.

The elements of group 7A are called

The bond between water molecules is called bond.





The electronegativity in the modern periodic table increases from to

non-metallic elements contain than four electron in their last level.

..... is considered from the safe places that has endangered species.



Fine Revision

Model Answer



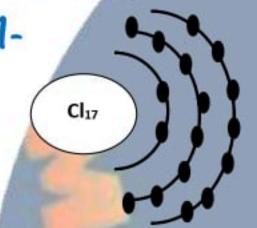






- 2- vertically
- 3- twice
- 4- stratosphere
- B-1-

E=MC2





Answer Q2

- A) 1- Cancelled 2- True
- 4- True 3- False 5- True
- 3- Group 2A Period 3 B) 1- Fig A 2- Fig B



- 1- Extinction
- 2- Dodo Bird 3- Electronegativity
- 4- Cancelled
- 5- Natural protectorates

Answer 04

- 1- cancelled
- 2-less more
- 3- stratosphere
- 4- sedimentary
- 5- halogens
- 6- natural protectorates
- 7- hydrogen
- 8- Remain fossils













